



**MOTOROLA**

Model T731  
CDMA  
SJJN5441A

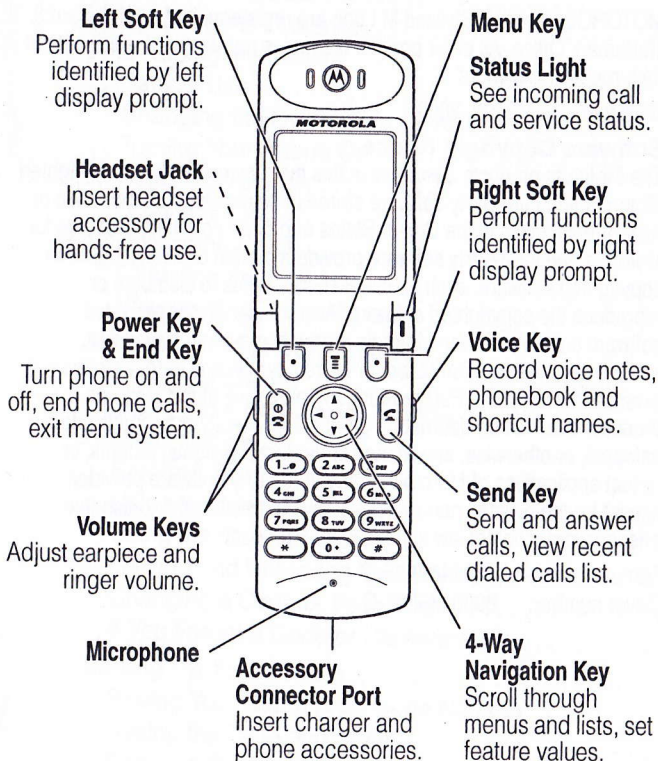
***START HERE >***



# Welcome

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Welcome to the world of Motorola digital wireless communications! We are pleased that you have chosen the Motorola T731 CDMA wireless phone.



Personal Communications Sector  
600 North U.S. Highway 45  
Libertyville, Illinois 60048

1-800-331-6456 (United States)  
1-888-390-6456 (TTY/TDD United States)  
1-800-461-4575 (Canada)

[www.motorola.com](http://www.motorola.com) (United States)  
[www.motorola.ca](http://www.motorola.ca) (Canada)

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# Contents

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<b>Safety and General Information</b> .....	6
<b>Getting Started</b> .....	12
What's in the Box? .....	12
About This Guide .....	12
Installing the Battery .....	13
Charging the Battery .....	14
Battery Use .....	15
Changing the Convertible Covers .....	17
Turning Your Phone On .....	18
Adjusting Volume .....	19
Making a Call .....	19
Answering a Call .....	20
Changing the Call Alert .....	20
Viewing Your Phone Number .....	20
<b>Learning to Use Your Phone</b> .....	21
Using the Display .....	21
Using the 4-Way Navigation Key .....	25
Using Menus .....	26
Entering Text .....	31
Using the Status Light .....	39
Using the External Display .....	40
Locking and Unlocking Your Phone .....	40
Changing a Code or Password .....	41
If You Forget a Code or Password .....	42
<b>Setting Up Your Phone</b> .....	43
Storing Your Name and Phone Number .....	43
Setting the Time and Date .....	43
Setting a Ring Style .....	43

Setting Answer Options .....	44
Setting a Wallpaper Image .....	44
Setting a Screen Saver Image .....	46
Zooming In and Out .....	47
Setting Display Contrast .....	47
Setting Display Color .....	47
Adjusting the Backlight .....	47
Hiding or Showing Location Information .....	48
<b>Calling Features</b> .....	49
Changing the Active Line .....	49
Redialing a Number .....	49
Using Automatic Redial .....	49
Using Caller ID .....	50
Canceling an Incoming Call .....	51
Turning Off a Call Alert .....	51
Calling an Emergency Number .....	51
Viewing Recent Calls .....	52
Returning an Unanswered Call .....	54
Using the Notepad .....	54
Attaching a Number .....	55
Calling With Speed Dial .....	56
Calling With One-Touch Dial .....	56
Using Voicemail .....	57
Muting the Phone .....	58
Using Call Waiting .....	58
<b>Phone Features</b> .....	59
Main Menu .....	59
Feature Quick Reference .....	61
<b>Specific Absorption Rate Data</b> .....	70
<b>Additional Health and Safety Information</b> .....	72
<b>Warranty</b> .....	80

<b>Product Registration .....</b>	<b>85</b>
<b>Export Law Assurances .....</b>	<b>85</b>
<b>RF Energy Interference .....</b>	<b>85</b>
<b>Index .....</b>	<b>86</b>
<b>Wireless Phone Safety Tips .....</b>	<b>95</b>

# ***Safety and General Information***

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IMPORTANT INFORMATION ON SAFE AND EFFICIENT OPERATION.  
READ THIS INFORMATION BEFORE USING YOUR PHONE.

The information provided in this document supersedes the general safety information in user guides published prior to December 1, 2002.

## ***Exposure To Radio Frequency (RF) Energy***

Your phone contains a transmitter and a receiver. When it is ON, it receives and transmits RF energy. When you communicate with your phone, the system handling your call controls the power level at which your phone transmits.

Your Motorola phone is designed to comply with local regulatory requirements in your country concerning exposure of human beings to RF energy.

## ***Operational Precautions***

To assure optimal phone performance and make sure human exposure to RF energy is within the guidelines set forth in the relevant standards, always adhere to the following procedures.

### ***External Antenna Care***

Use only the supplied or Motorola-approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone.

Do NOT hold the external antenna when the phone is IN USE. Holding the external antenna affects call quality and may cause the phone to operate at a higher power level than needed. In addition, use of unauthorized antennas may result in non-compliance with the local regulatory requirements in your country.

## ***Phone Operation***

When placing or receiving a phone call, hold your phone as you would a wireline telephone.

## ***Body-Worn Operation***

To maintain compliance with RF energy exposure guidelines, if you wear a phone on your body when transmitting, always place the phone in a Motorola-supplied or approved clip, holder, holster, case, or body harness for this phone, if available. Use of accessories not approved by Motorola may exceed RF energy exposure guidelines. If you do not use one of the body-worn accessories approved or supplied by Motorola, and are not using the phone held in the normal use position, ensure the phone and its antenna are at least 1 inch (2.5 centimeters) from your body when transmitting.

## ***Data Operation***

When using any data feature of the phone, with or without an accessory cable, position the phone and its antenna at least 1 inch (2.5 centimeters) from your body.

## ***Approved Accessories***

Use of accessories not approved by Motorola, including but not limited to batteries and antenna, may cause your phone to exceed RF energy exposure guidelines. For a list of approved Motorola accessories, visit our website at [www.Motorola.com](http://www.Motorola.com).

## ***RF Energy Interference/Compatibility***

**Note:** Nearly every electronic device is susceptible to RF energy interference from external sources if inadequately shielded, designed, or otherwise configured for RF energy compatibility. In some circumstances your phone may cause interference.

## ***Facilities***

Turn off your phone in any facility where posted notices instruct you to do so. These facilities may include hospitals or health care facilities that may be using equipment that is sensitive to external RF energy.

## ***Aircraft***

When instructed to do so, turn off your phone when on board an aircraft. Any use of a phone must be in accordance with applicable regulations per airline crew instructions.

## ***Medical Devices***

### **Pacemakers**

Pacemaker manufacturers recommend that a minimum separation of 6 inches (15 centimeters) be maintained between a handheld wireless phone and a pacemaker.

Persons with pacemakers should:

- ALWAYS keep the phone more than 6 inches (15 centimeters) from your pacemaker when the phone is turned ON.
- NOT carry the phone in the breast pocket.
- Use the ear opposite the pacemaker to minimize the potential for interference.
- Turn OFF the phone immediately if you have any reason to suspect that interference is taking place.

### **Hearing Aids**

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer to discuss alternatives.

### **Other Medical Devices**

If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from RF energy. Your physician may be able to assist you in obtaining this information.

## ***Use While Driving***

Check the laws and regulations on the use of phones in the area where you drive. Always obey them.



When using your phone while driving, please:

- Give full attention to driving and to the road.
- Use hands-free operation, if available.
- Pull off the road and park before making or answering a call if driving conditions so require.

Responsible driving best practices may be found in the “Wireless Phone Safety Tips” at the end of this manual and at the Motorola website:

[www.Motorola.com/callsmart](http://www.Motorola.com/callsmart).

## ***Operational Warnings***

### ***For Vehicles With an Air Bag***

Do not place a phone in the area over an air bag or in the air bag deployment area. Air bags inflate with great force. If a phone is placed in the air bag deployment area and the air bag inflates, the phone may be propelled with great force and cause serious injury to occupants of the vehicle.

### ***Potentially Explosive Atmospheres***

Turn off your phone prior to entering any area with a potentially explosive atmosphere, unless it is a phone type especially qualified for use in such areas and certified as “Intrinsically Safe.” Do not remove, install, or charge batteries in such areas. Sparks in a potentially explosive atmosphere can cause an explosion or fire resulting in bodily injury or even death.

**Note:** The areas with potentially explosive atmospheres referred to above include fueling areas such as below decks on boats, fuel or chemical transfer or storage facilities, areas where the air contains chemicals or particles, such as grain, dust, or metal powders. Areas with potentially explosive atmospheres are often but not always posted.

### ***Blasting Caps and Areas***





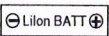
To avoid possible interference with blasting operations, turn OFF your phone when you are near electrical blasting caps, in a blasting area, or in

areas posted "Turn off electronic devices." Obey all signs and instructions.

## **Batteries**

Batteries can cause property damage and/or bodily injury such as burns if a conductive material such as jewelry, keys, or beaded chains touch exposed terminals. The conductive material may complete an electrical circuit (short circuit) and become quite hot. Exercise care in handling any charged battery, particularly when placing it inside a pocket, purse, or other container with metal objects. **Use only Motorola original batteries and chargers.**

Your battery or phone may contain symbols, defined as follows:

Symbol	Definition
	Important safety information will follow.
	Your battery or phone should not be disposed of in a fire.
	Your battery or phone may require recycling in accordance with local laws. Contact your local regulatory authorities for more information.
	Your battery or phone should not be thrown in the trash.
	Your phone contains an internal lithium ion battery.

## **Seizures/Blackouts**

Some people may be susceptible to epileptic seizures or blackouts when exposed to blinking lights, such as when watching television or playing video games. These seizures or blackouts may occur even if a person never had a previous seizure or blackout.

If you have experienced seizures or blackouts, or if you have a family history of such occurrences, please consult with your doctor before



playing video games on your phone or enabling a blinking-lights feature on your phone. (The blinking-light feature is not available on all products.)

Parents should monitor their children's use of video game or other features that incorporate blinking lights on the phones. All persons should discontinue use and consult a doctor if any of the following symptoms occur: convulsion, eye or muscle twitching, loss of awareness, involuntary movements, or disorientation.

To limit the likelihood of such symptoms, please take the following safety precautions:

- Do not play or use a blinking-lights feature if you are tired or need sleep.
- Take a minimum of a 15-minute break hourly.
- Play in a room in which all lights are on.
- Play at the farthest distance possible from the screen.

## ***Repetitive Motion Injuries***

When you play games on your phone, you may experience occasional discomfort in your hands, arms, shoulders, neck, or other parts of your body. Follow these instructions to avoid problems such as tendonitis, carpal tunnel syndrome, or other musculoskeletal disorders:

- Take a minimum 15-minute break every hour of game playing.
- If your hands, wrists, or arms become tired or sore while playing, stop and rest for several hours before playing again.
- If you continue to have sore hands, wrists, or arms during or after play, stop playing and see a doctor.

# Getting Started



## What's in the Box?

Your digital wireless phone typically comes equipped with a battery and a charger. You can purchase other accessory items to customize your phone for maximum performance and portability.

To purchase Motorola Original™ accessories, contact the Motorola Customer Call Center at 1-800-331-6456 in the United States or 1-800-461-4575 in Canada.

## About This Guide

This guide introduces you to your Motorola wireless phone.

**Note: A *More Here* reference guide for your phone is also available that describes your phone's features in more detail.**

To obtain the *More Here* guide for your phone, or another copy of this guide, see the Motorola Web site at:

<http://motorola.com/consumer/manuals> (U.S.A.)

<http://motorola.ca/consumer> (Canada)

or contact the Motorola Customer Call Center at 1-800-331-6456 in the United States or 1-800-461-4575 in Canada.

## Optional Features



This label identifies an optional network or subscription-dependent feature that may not be offered by all service providers in all geographical areas. Contact your service provider for more information.



## Optional Accessories



This label identifies a feature that requires an optional Motorola Original™ accessory.

## Installing the Battery

You must install and charge the battery to use your phone.



Your phone is designed to be used only with Motorola Original batteries and accessories. We recommend that you store batteries in their protective cases when not in use.

### Action

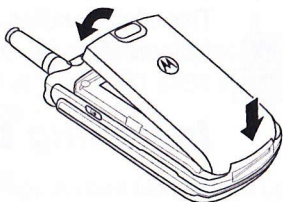
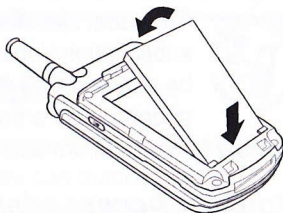
- 1 Remove the battery from its protective clear plastic case.
- 2 If necessary, slide down the battery door release latch and lift the door off of the phone.





## Action

- 3 Insert the battery, printed arrow first, **under the tabs** at the bottom of the battery compartment and push down.
- 4 Insert the teeth at the bottom of the battery door into the slot at the base of the phone, then push the door down. Slide the release latch up to lock the door in place.



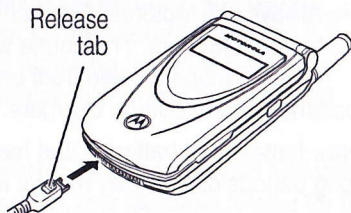
## Charging the Battery

New batteries are shipped partially charged. Before you can use your phone, you need to install and charge the

battery as described below. Some batteries perform best after several full charge/discharge cycles.

### Action

- 1 Plug the travel charger into your phone with the release tab facing up.



- 2 Plug the other end of the travel charger into the appropriate electrical outlet.
- 3 When your phone indicates that the battery is fully charged (**Charge Complete**), press the release tab and remove the travel charger.

**Note:** When you charge the battery, the battery level indicator in the upper right corner of the display shows how much of the charging process is complete. At least one segment of the battery level indicator must be visible to ensure full phone functionality while charging.

## Battery Use

Battery performance depends on many factors, including your wireless carrier's network configuration; signal strength; the temperature at which you operate your phone; the features and/or settings you select and use; items attached to the phone's accessory connector port; and your voice, data, and other application usage patterns.







**Caution:** To prevent injuries or burns, do not allow metal objects to contact or short-circuit the battery terminals.

To maximize your battery's performance:

- Always use Motorola Original™ batteries and battery chargers. The phone warranty does not cover damage caused from using non-Motorola batteries and/or battery chargers.
- New batteries or batteries that have been stored for long periods of time may require a longer charge time.
- Maintain the battery at or near room temperature when charging.
- Do not expose batteries to temperatures below -10°C (14°F) or above 45°C (113°F). Always take your phone with you when you leave your vehicle.
- When you do not intend to use a battery for a while, store it uncharged in a cool, dark, dry place, such as a refrigerator.
- Over extended periods of time, batteries gradually wear down and require longer charging times. This is normal. If you charge your battery regularly and notice a decrease in talk time or an increase in charging time, then it is probably time to purchase a new battery.



The rechargeable batteries that power this product must be disposed of properly and may need to be recycled. Refer to your battery's label for battery type. Contact your local recycling center for proper disposal methods. Never dispose of batteries in a fire because they may explode.

# Changing the Convertible Covers



You can change the flip cover and battery cover on your phone to personalize its appearance. Matching front and back cover sets are available in a variety of colors and

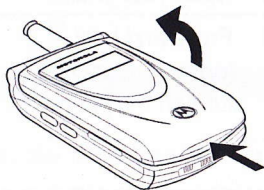
designs.

Your phone is designed to be used only with Motorola Original accessories. See your Motorola retailer for these convertible covers.

## Removing a Flip Cover

### Action

Insert your fingertip or fingernail into the slot at the base of the flip cover, then **firmly** pull up and lift the cover off the phone



### Notes:

- Do not use tools to remove a flip cover. Using tools to remove a flip cover will damage the cosmetic appearance of the phone.
- The flip cover is attached tightly to the phone, and considerable force is required to remove it.

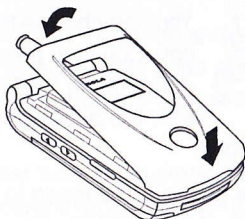


## Attaching a Flip Cover




### Action

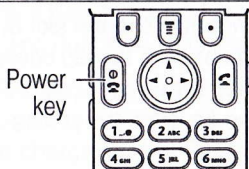
Insert the tabs at the bottom of the cover into the slots at the base of the phone, then push the cover down and snap it into place.




## Turning Your Phone On

### Action

- 1 Open your phone
- 2 Press and hold  for three seconds to turn on the phone



- 3 If necessary, enter your four-digit unlock code and press **OK** () to unlock the phone

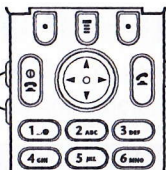
The unlock code is originally set to 1234. Your service provider may change this number before you receive your phone.



## Adjusting Volume

Press the up and down volume keys to:

Volume keys



- increase and decrease earpiece volume during a call
- increase and decrease the ringer volume setting when the idle display is visible (flip must be open)



**Tip:** At the lowest volume setting, press the down volume key to switch to silent alert. Press the up volume key to reset ring alert.



- turn off an incoming call alert

## Making a Call

### Action

- 1 Extend the antenna
- 2 Press the keypad keys to dial the phone number

**Tip:** If you make a mistake, press **DELETE** () to delete the last digit, or press and hold **DELETE** () to clear all digits.

- 3 Press () to make the call
- 4 Press () to end the call and “hang up” the phone when you are finished




**Note:** You must dial the phone number from the idle display. See page 21.


# Answering a Call

When you receive a call, your phone rings and/or vibrates and displays an incoming call message.



Getting Started

Press	To
1  or <b>ANSWER</b> (  )	answer the call
2 	end the call and “hang up” the phone when you are finished

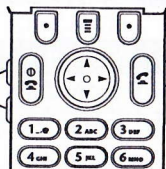
**Tip:** When the phone flip is active, simply open the phone to answer the call. (To activate, press  > **Settings** > **In-Call Setup** > **Answer Options** > **Open to Answer**)

**Note:** If the phone is locked, you must unlock it to answer the call.



## Changing the Call Alert

With the phone flip open, press the down volume key to switch the alert for incoming calls and other events to silent alert. Press the up volume key to reset ring alert.

Volume keys



## Viewing Your Phone Number

To view your phone number from the idle display, press  .

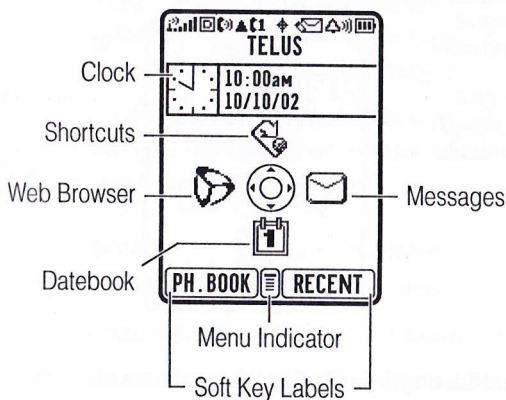
While you are on a call, press  > **My Tel. Numbers**.

# Learning to Use Your Phone

See page 1 for a basic phone diagram.



## Using the Display



The *idle display* (shown below) is the standard display you see when you are *not* on a call or using the menu. You must be in the idle display to dial a phone number.



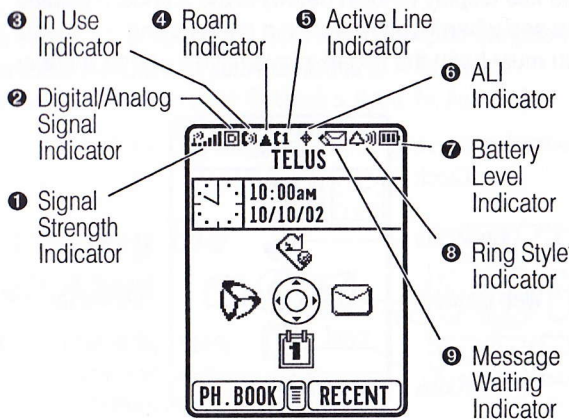
Press the 4-way navigation key (⊕) left, right, up, or down to select one of the four menu feature icons in the idle display.




The  (menu) indicator at the bottom center of the display indicates you can press the menu key () to go to the main menu to see more features.

Labels at the bottom corners of the display show the current soft key functions. Press the left soft key () or right soft key () to perform the function indicated by the left or right soft key label.

Status indicators are grouped at the top of the display:



**1 Signal Strength Indicator** Vertical bars show the strength of the network connection. You cannot make or receive calls when the  (no signal) indicator is displayed.




**2 Digital/Analog Signal Indicator** Shows whether you are receiving a digital or analog signal:

 = digital signal


 = analog signal


 = 13K digital


 = 8K digital


 = packet data  
service


**3 In Use Indicator** Shows that a call is in progress.  
Other indicators can include:


 = secure CSD  
call

 = unsecure CSD  
call

 = secure packet  
data transfer

 = unsecure packet  
data transfer

 = secure  
application  
connection

 = unsecure  
application  
connection



**4 Roam Indicator** Shows that your phone is  
seeking or using another network system  
outside your home network.

 = 3G roam

 = 3G home

 = 2G roam

 = 2G home

On text entry screens, shows text entry status information:

 = symbol mode


 = numeric mode


 = caps lock on

 = normal text entry



**5 Active Line Indicator** Shows the current  
active phone line:

 = line 1

 = line 2





**⑥ ALI Indicator** Shows the status of the *automatic location information* feature:

📶 = ALI on

📶 = ALI off

On text entry screens, shows text entry status information:

👉 = tap method

👉 = iTAP mode

**⑦ Battery Level Indicator** Vertical bars show the battery charge level. Recharge the battery when you see **Low Battery** and hear the low battery alert.

**⑧ Ring Style Indicator** Shows the ring style setting:

🔊 = loud ring

🔊 = soft ring

🔊 = vibrate

🔊 = vibrate and ring

🔊 = silent



**⑨ Message Waiting Indicator** Appears when you receive a text message. Other indicators can include:

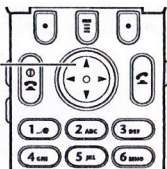
📧 = voicemail message


📧 = voicemail and text message

#t = limited character count (text entry screen)

## Using the 4-Way Navigation Key

4-way  
navigation  
key




Use the 4-way navigation key like a joystick to navigate the menu system, change feature settings, and play games. From the idle display, press  to select one of the four menu feature icons in the idle display.

**Tip:** Down and up are your primary movements within menus. Move left and right to change feature settings, navigate the datebook, and edit text.



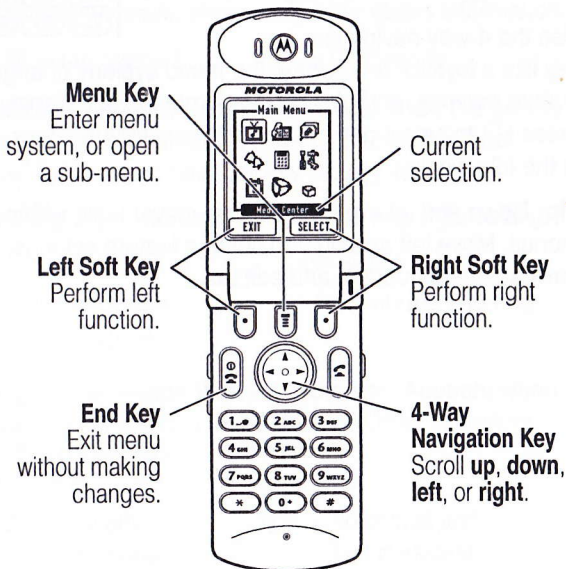




# Using Menus

From the idle display, press  to go to the main menu.















Learning to Use Your Phone



Press  to highlight a menu feature icon in the main menu. Select **More** () to see additional menu features. The following icons represent features that may appear in



the main menu, depending on your service provider and service subscription options.




Menu Icon	Feature	Menu Icon	Feature
	Media Center		Phonebook
	Voice Notes		Ring Styles
	Calculator		Settings
	Datebook		Web Browser
	More		Messages
	Recent Calls		Shortcuts

**Tip:** You can set your phone to display the main menu as a text-based list rather than graphic icons. See page 63.

## Selecting a Menu Feature

This guide shows you how to select a menu feature as follows, starting from the idle display:

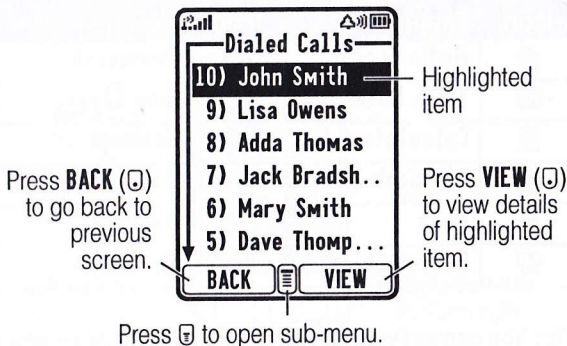
**Find the Feature**       > More > Phonebook

This example shows that from the idle display, you must press , scroll to and select **More** () from the main menu, then scroll to and select **Phonebook**. Use  to scroll, and the left/right soft keys to select the functions listed in the bottom left and right corners of the display.



## Selecting a Feature Option

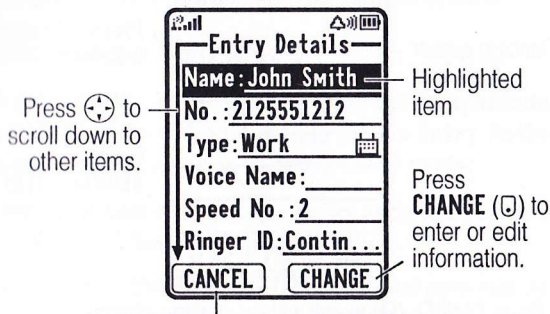
Some features require you to select an item from a list:



- Press ⬆/⬇ to scroll up or down to highlight the item you want.
- In a numbered list, press a number key to highlight the item.
- In an alphabetized list, press a key multiple times to cycle through the letters on the key and highlight the closest matching list item.

## Entering Feature Information

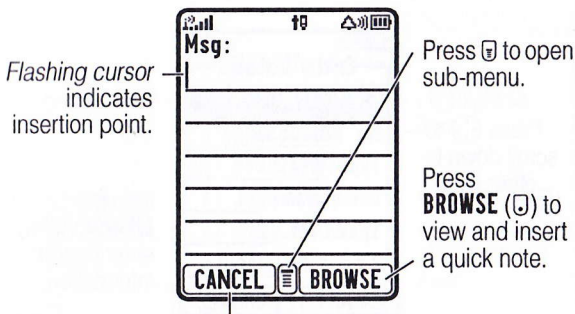
Some features require you to enter information:



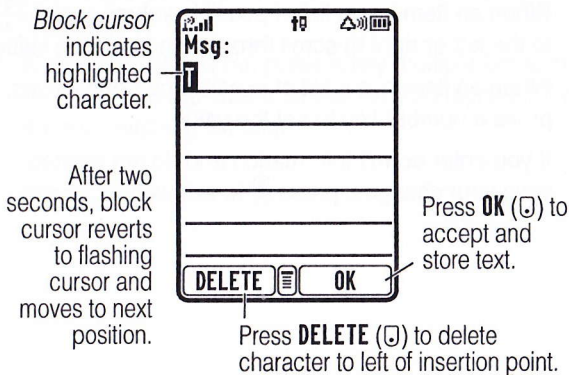
- Enter numbers or text with the keypad.
- When an item has a list of possible values, press to the left or right to scroll through and select a value.
- When an item has a list of possible numeric values, press a number key to set the value.
- If you enter or edit information and do not want to save your changes, press to exit without saving.



The message center lets you compose and send text messages. A *flashing cursor* shows where text will appear:



When you enter text using the standard tap method (see page 31), the flashing cursor changes to a *block cursor*, and the soft key functions change:



# Entering Text

Multiple text entry methods make it easy for you to enter names, numbers, and messages on your phone.

## Choosing a Text Mode

Most text entry screens let you enter letters, numbers, and/or symbols as required. Press **[ ]** (or **[ ] > Entry Method**) from a text entry screen to select a text mode:


- |                   |   |
|-------------------|---|
| <b>iTAP</b>       | Let the phone predict each word as you enter it. See page 34.                                   |
| <b>Tap Method</b> | Enter letters, numbers, and symbols by pressing a key one or more times. See following section. |
| <b>Numeric</b>    | Enter numbers only.   |
| <b>Symbol</b>     | Enter symbols only. See page 38.  |
| <b>Browse</b>     | Browse your phonebook or recent call lists to select a name or number.                          |


**Note:** The text mode you select remains active until you change it by selecting another mode.

## Using Tap Method

This is the standard mode for entering text on your phone.



Press  > **Entry Method** from any text entry screen and select the **Tap Method** menu option.

	Press	To
1	A number key one or more times	select a letter, number, or symbol shown in the "Character Chart" on page 34
2	Number keys	enter the remaining characters
3	OK (  )	store the text when you are finished

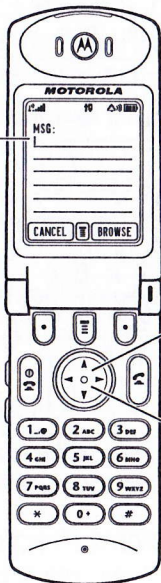


## General Text Entry Rules

Press a number key repeatedly to cycle through its characters. See the "Character Chart" on page 34.

Press a number key as many times as necessary to enter desired character at flashing cursor location.

Press and hold a number key to cycle between text and numeric entry modes.




Press **up** or **down** to change letter in block cursor to uppercase or lowercase.

Press **left** or **right** to move flashing cursor to left or right in text message.



*Learning to Use Your Phone*

- If you do not press a key for two seconds, the character in the block cursor is accepted, and the cursor moves to the next position.
- The first character of every sentence is capitalized. (Press  down to force the character to lowercase while it is highlighted by the block cursor).



## Character Chart

Use this chart as a guide for entering characters with the tap method.

1 [space]	space . 1 ? ! , @ _ & ~ : ; " - ( ) ' ÿ ÿ % £ \$ ¥ ¤ €
2 ABC	a b c 2 ä å á à â ã α β ç
3 DEF	d e f 3 δ ē é è ê ε φ
4 GHI	g h i 4 ï í î γ η ι
5 JKL	j k l 5 κ λ
6 MNO	m n o 6 ñ ö ø ó ò ô õ μ υ ω
7 PQRS	p q r s 7 π β σ
8 TUV	t u v 8 θ ü ú ù û τ
9 WXYZ	w x y z 9 ξ ψ
0 +	+ - 0 x * / \ [ ] = > < # §

**Note:** This chart may not reflect the exact character set available on your phone.

## Using iTAP™ Software Predictive Text Entry Method

iTAP™ software is a predictive text entry method that lets you enter a word using a single keypress per letter.

Press [i] > **Entry Method** from any text entry screen and select the iTAP menu option.

**Note:** You can switch languages within a message in iTAP text mode. Press [i] > **Entry Method** to select the language you want to use.



## Entering Words

### Action


- 1 Press a number key one time to enter the first letter of the word

The letters associated with the key are shown at the bottom of the display.

- 2 Press number keys (one per letter) to enter the rest of the word

Alternative words and letter combinations are shown at the bottom of the display. The word choices are updated with each keypress.




- 3 Press  to highlight the word you want

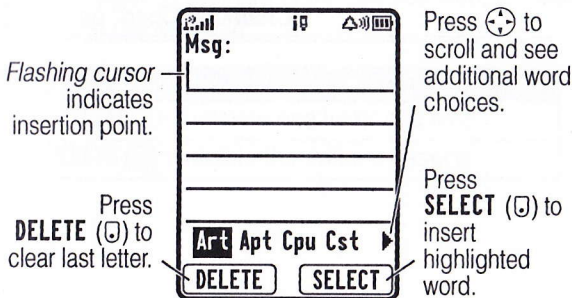
- 4 Press **SELECT** () to enter the word at the flashing cursor location

A space is automatically inserted after the word.



Learning to Use Your Phone

For example, to spell the word "art," press   . The display shows:



## Entering Novel Words

You may enter a word that the iTAP software does not recognize. If the word you want is not displayed:

### Action

- 1 Press **DELETE** (⏏) one or more times to delete letters until you see a letter combination that matches the start of the word
- 2 Press ⬅️ left or right to highlight the letter or letter combination
- 3 Press **SELECT** (⏏), then press ⬅️ to the left to shift the text entry cursor to the left and “lock” the selected word portion
- 4 Continue to enter letters and highlight letter combinations to spell the word

## Entering Punctuation

Press


0+ or 1-9

To


enter punctuation or other characters as shown in the “Character Chart” on page 34

## Using Capitalization

The first word of a sentence is automatically capitalized, with following words in lowercase.



Press	To
 up or down	change the words to initial character capitalized, all uppercase characters, or all lowercase characters

## Entering Numbers

Action
1 Enter the first digit and then highlight it to put the iTAP software in number entry mode
2 Press number keys to add digits to the number
3 Press <b>SELECT</b> (  ) to enter the number at the flashing cursor location

## Deleting Letters and Words

Place the cursor to the right of the text you want to delete, and then do the following:

Action
Press <b>DELETE</b> (  ) to delete one letter at a time
Hold <b>DELETE</b> (  ) to delete the entire message



## Using Symbol Mode

Your phone provides an alternate way to enter symbol characters in a message. Press **[123] > Entry Method** from any text entry screen and select the **Symbol** menu option.

### Action

- 1 Press a number key one time to display its symbol options at the bottom of the display  
See the "Symbol Chart" on page 38.
- 2 Press **[Left Arrow]**, or press the number key multiple times, to highlight the symbol you want
- 3 Press **SELECT** (**[Right Arrow]**) to enter the symbol at the flashing cursor location

### Symbol Chart

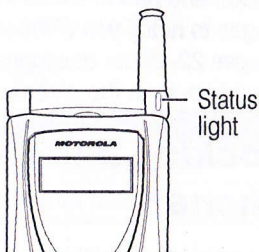
Use this chart as a guide for entering characters in symbol mode.

<b>[1 123]</b>	space . ? ! , @ _ & ~ : ; " - ( ) ' ` ¡ ¢ £ \$ ¥ ¤ €
<b>[2 ABC]</b>	@ _ \
<b>[3 DEF]</b>	/ : ;
<b>[4 GHI]</b>	" & '
<b>[5 JKL]</b>	( ) [ ] { }
<b>[6 MNO]</b>	¡ ¢ ~
<b>[7 PQRS]</b>	< > =
<b>[8 TUV]</b>	\$ £ ¥ ¤ €

(V) data	# % *
(0)	+ - x * / = > < # §

## Using the Status Light

The status light shows when you have an incoming call or message, or when your phone is *roaming* (using a non-home system).



Indication	Status
alternating red/green	incoming call
flashing green	in service, home system
flashing yellow	roaming, non-home system
flashing red	no service

You can turn off the status light to extend battery life and increase your phone's *standby time*, the length of time that your phone's battery retains power when the phone is turned on but is not in use.

To turn the status light on or off:

### Find the Feature

- ☰ > Settings
- > Initial Setup
- > Status Light

## Using the External Display

When the flip is closed, the external display shows the time, date, and phone status information. It also displays messages to notify you of incoming calls and other events. See pages 22–24 for descriptions of the status indicators that may appear in the external display.



## Locking and Unlocking Your Phone

You can lock your phone manually or set the phone to lock automatically whenever you turn it off.


To use a locked phone, you must enter the unlock code. A locked phone still rings or vibrates for incoming calls or messages, **but you must unlock it to answer.**

You can make emergency calls on your phone even when it is locked. For more information, see page 51.

### Locking Your Phone Manually

#### Find the Feature

 > Settings > Security  
> Phone Lock  
> Lock Now

Press	To
1 keypad keys	enter your unlock code
2 OK (  )	lock the phone



## Unlocking Your Phone

**Tip:** Your phone's unlock code is originally set to 1234 at the factory. Many service providers reset the unlock code to the last four digits of your phone number.

At the **Enter Unlock Code** prompt:

Press	To
1 keypad keys	enter your unlock code
2 OK (⏏)	unlock your phone

## Setting Your Phone to Lock Automatically

You can set your phone to lock every time you turn it off.

### Find the Feature

⏏ > **Settings** > **Security**  
> **Phone Lock**  
> **Automatic Lock** > **On**

Press	To
1 keypad keys	enter your unlock code
2 OK (⏏)	activate automatic lock

## Changing a Code or Password

Your phone's four-digit unlock code is originally set to 1234, and the six-digit security code is originally set to 000000 at the factory. Your service provider may reset these numbers before you receive your phone.

If your service provider has *not* reset these numbers, we recommend that you change them to prevent other users



from accessing your personal information. The unlock code must contain four digits, and the security code must contain six digits.

To change a code or password:

### Find the Feature



 > Settings > Security  
> New Passwords

## If You Forget a Code or Password



If you forget your security code, contact your service provider.

If you forget your unlock code, try entering 1234 or the last four digits of your phone number. If that does not work, do the following at the **Enter Unlock Code** prompt:

Press	To
1 	go to the unlock code bypass screen
2 keypad keys	enter your security code
3 OK (  )	submit your security code

# Setting Up Your Phone

## Storing Your Name and Phone Number



To store or edit user name and phone number information on your phone:

### Find the Feature

- ☰ > Settings
- > Phone Status
- > My Tel. Numbers

## Setting the Time and Date

You must set the time and date to use the datebook.

### Find the Feature

- ☰ > Settings
- > Initial Setup
- > Time and Date

## Setting a Ring Style

Your phone rings or vibrates to notify you of an incoming call or other event. This ring or vibration is called an *alert*.

You can select one of five different ring styles:

🔔 = loud ring

🔔 = soft ring

🔔 = vibrate

🔔 = vibrate and ring

🔔 = silent





The ring style indicator in the display shows the current ring style (see page 22).

To set a ring style:

### **Find the Feature**

 > **Ring Styles > Style**


	<b>Press</b>	<b>To</b>
1		scroll to the ring style
2	<b>SELECT</b> (  )	select the ring style

Each ring style contains settings for specific event alerts, ringer ID, and ringer and keypad volume. To change these settings, press  > **Ring Styles > Style Detail**.

## **Setting Answer Options**

You can use different methods to answer an incoming call.

### **Find the Feature**

 > **Settings**  
> **In-Call Setup**  
> **Answer Options**

The **Answer Options** menu includes:

<b>Multi-Key</b>	answer by pressing any key
<b>Open to Answer</b>	answer by opening the flip










## **Setting a Wallpaper Image**

You can set a picture or animation as a wallpaper (background) image in your phone's idle display.

**Note:** When you set an animation as a wallpaper image, only the first frame of the animation is displayed.

**Find the Feature**

- > Settings
- > Personalize
- > Wallpaper

Press	To
1 	scroll to <b>Picture</b>
2 <b>CHANGE</b> (  )	open the picture viewer
3  up or down	scroll to a picture/animation  Scroll to <b>(None)</b> to turn off the wallpaper image.
4 <b>SELECT</b> (  )	select the image
5 	scroll to <b>Layout</b>
6 <b>CHANGE</b> (  )	adjust the image layout
7 	scroll to <b>Center</b> or <b>Tile</b>  <b>Center</b> places the image in the center of the display and, if necessary, shrinks the image to fill the display.  <b>Tile</b> fills the display with adjacent copies of the image
8 <b>SELECT</b> (  )	confirm the layout setting
9 <b>DONE</b> (  )	save wallpaper settings



# Setting a Screen Saver Image










You can set a picture or animation as a screen saver image. The image is displayed when the phone flip is open and no keypresses are detected for a period of time.

The screen saver image is shrunk to fill the display, if necessary. An animation repeats for one minute, then the first frame of the animation is displayed.

**Tip:** Turn off the screen saver to extend battery life.



## Find the Feature

 > **Settings**  
> **Personalize**  
> **Screen Saver**

Press	To
1 	scroll to <b>Picture</b>
2 <b>CHANGE</b> (  )	open the picture viewer
3  up or down	scroll to a picture/animation  Scroll to <b>(None)</b> to turn off the screen saver image.
4 <b>SELECT</b> (  )	select the image
5 	scroll to <b>Delay</b>
6 <b>CHANGE</b> (  )	set the delay interval
7 	scroll to the inactivity interval that triggers the screen saver
8 <b>SELECT</b> (  )	confirm the delay setting
9 <b>DONE</b> (  )	save screen saver settings



## ***Zooming In and Out***

Press and release , then press and hold  to zoom in and out on display text. Zoom in to increase text size, zoom out to display more information.

You can also zoom in and out from the menu:

### **Find the Feature**

-  > Settings
- > Initial Setup > Zoom

## ***Setting Display Contrast***

### **Find the Feature**

-  > Settings
- > Initial Setup
- > Contrast

## ***Setting Display Color***

You can select the color palette that your phone uses to display indicators, highlights, and soft key labels.

### **Find the Feature**

-  > Settings
- > Personalize
- > Color Style

## ***Adjusting the Backlight***

You can set the amount of time that the display and keypad backlights remain on, or turn off backlights to extend battery life.

### **Find the Feature**

-  > Settings
- > Initial Setup
- > Backlight





**Setting Up Your Phone**

# Hiding or Showing Location Information





Your phone can use the *automatic location information* (ALI) feature to tell the network where you are physically located.


When ALI is set to **Location On**, your phone displays the  (ALI on) indicator. Services may use your known location to provide useful information (for example, driving directions, or the location of the nearest bank). Your phone prompts you when the network or a service asks for your location. You can refuse at this point.

When ALI is set to **911 Only**, your phone displays the  (ALI off) indicator, and the phone does not send location information unless you call the emergency phone number (such as 911).

## Find the Feature

 > **Settings** > **Location**

Press	To
1 	scroll to <b>Location On</b> or <b>911 Only</b>
2 <b>SELECT</b> (  )	select the setting

To view or change the location transmission status of your phone during a call, press  > **Location**.

# Calling Features

For basic instructions on how to make and answer calls, see page 19.

## Changing the Active Line



Change the active phone line to make and receive calls from your other phone number.



### Find the Feature

-  > Settings
- > Phone Status
- > Active Line

The active line indicator in the display shows the current active phone line. See page 22.

## Redialing a Number

If you hear an ordinary busy signal:

Press	To
1 	hang up
2 	redial the busy number



## Using Automatic Redial

If the network is busy, you hear a fast busy signal, and your phone displays **Call Failed**.

With automatic redial, your phone automatically redials the number for four minutes. When the call goes through, your phone rings or vibrates one time, displays **Redial Successful**, and then connects the call.

You must turn on automatic redial to use the feature. To turn automatic redial on or off:

### Find the Feature

- ☞ > **Settings**
- > **Initial Setup**
- > **Auto Redial**

When automatic redial is turned off, you can manually activate the feature to redial a phone number. When you hear a fast busy signal and see **Call Failed**:

Press	To
⏮ or <b>RETRY</b> (⏮)	activate automatic redial

## Using Caller ID





*Calling line identification* (caller ID) displays the phone number for incoming calls in your phone's external and internal displays.

The phone displays the caller's name when the name is stored in your phonebook, or **Incoming Call** when caller ID information is not available.



## Canceling an Incoming Call

While the phone is ringing or vibrating:

Press	To
 or IGNORE (  )	cancel the incoming call



Depending on your phone settings and/or service subscription, the call may be forwarded to another number, or the caller may hear a busy signal.

## Turning Off a Call Alert

You can turn off your phone's incoming call alert before answering the call.


Press	To
either volume key	turn off the alert

## Calling an Emergency Number

Your service provider programs one or more emergency phone numbers, such as 911, that you can call under any circumstances, even when your phone is locked.


**Note:** Emergency numbers vary by country. Your phone's preprogrammed emergency number(s) may not work in all locations, and sometimes an emergency call cannot be

placed due to network, environmental, or interference issues.

	Press	To
1	keypad keys	dial the emergency number
2		call the emergency number




## Viewing Recent Calls

Your phone keeps a list of the calls you recently received and dialed, even if the calls did not connect. The lists are sorted from newest to oldest entries. The oldest entries are deleted as new ones are added.

**Shortcut:** Press  to go directly to the dialed calls list from the idle display.

### Find the Feature

 > More > Recent Calls

	Press	To
1		scroll to <b>Received Calls</b> or <b>Dialed Calls</b>
2	SELECT (  )	select the list
3		scroll to an entry
		<b>Note:</b> ✓ means the call connected.








Press	To
4 (6)	call the entry's number
	<b>Tip:</b> Press and hold (6) for two seconds to send the number as DTMF tones during a call.
or	
VIEW (G)	view entry details
or	
(G)	open the <b>Last Calls Menu</b> to perform other procedures




The **Last Calls Menu** can include the following options:

Option	Description
Store	Create a phonebook entry with the number in the <b>No.</b> field.
Delete	Delete the entry.
Delete All	Delete all entries in the list.
Send Message	Open a new text message with the number in the <b>To</b> field.
Add Digits	Add digits after the number.
Attach Number	Attach a number from the phonebook or recent call lists, after the highlighted number.
Send Tones	Send the number to the network as DTMF tones.  <b>Note:</b> This option appears only during a call.

# Returning an Unanswered Call

Your phone keeps a record of your unanswered calls, and displays:

- the  (missed call) indicator
- **X Missed Calls**, where X is the number of missed calls

	Press	To
1	<b>VIEW</b> (  )	see the received calls list
2		select a call to return
3		make the call




## Using the Notepad

Your phone stores the most recent string of digits entered on the keypad in a temporary memory location called the *notepad*. This can be a phone number that you called, or a number that you entered but did not call. To retrieve the number stored in the notepad:

**Find the Feature**


 **> More > Recent Calls  
> Notepad**



Press	To
	call the number
or	
	open the <b>Dialing Menu</b> to attach a number or insert a special character
or	
STORE (  )	create a phonebook entry with the number in the <b>No.</b> field

## ***Attaching a Number***



While dialing (with digits visible in the display):

Press	To
 > <b>Attach Number</b>	attach a number from the phonebook or recent call lists



# Calling With Speed Dial

Each entry you store in your phonebook is assigned a unique *speed dial* number. To speed dial a phonebook entry:

Press	To
1 keypad keys	enter the speed dial number for the entry you want to call
2 	submit the number
<p><b>Note:</b> Some networks let you skip this step for speed dial numbers 1 through 99.</p>	
3 	call the entry



## Calling With One-Touch Dial

To call phonebook entries 1 through 9, just press and hold the one-digit speed dial number for one second.

We recommend that you reserve phonebook entry 1 (speed dial number 1) for storing and dialing your voicemail phone number. Usually, your service provider has already done this for you. If necessary, see your reference guide for information on how to store your voicemail number as a phonebook entry.

# Using Voicemail




Voicemail messages that you receive are stored on the network. To listen to your messages, you must call your voicemail phone number.


**Note:** Your service provider may include additional information about using this feature.

## Listening to Voicemail Messages


### Find the Feature

 > More > Messages  
> VoiceMail

The phone calls your voicemail phone number. If no voicemail number is stored, your phone prompts you to store one.

**Shortcut:** Your service provider may also store your voicemail phone number as phonebook entry number 1. If so, you can press and hold  to listen to your voicemail message(s).

## Receiving a Voicemail Message

When you receive a voicemail message, your phone displays the  (voice message waiting) indicator and a **New VoiceMail** notification.



Press	To
CALL (  )	listen to the message

The phone calls your voicemail phone number. If no voicemail number is stored, your phone prompts you to store one.


## Storing Your Voicemail Phone Number

If necessary, use the following procedure to store your voicemail phone number on your phone. Usually, your service provider has already done this for you.

### Find the Feature

 > More > Messages



 > VoiceMail Setup

Press	To
1 keypad keys	enter your voicemail number
2 OK (  )	store the number

### Calling Features

Your service provider additionally may store your voicemail phone number as phonebook entry number 1, so you can use one-touch dial to listen to your voicemail messages. If necessary, see your reference guide for information on how to store your voicemail number as a phonebook entry.



## Muting the Phone

To mute your phone during a call, press **MUTE** () (if available) or  > **Mute**.

## Using Call Waiting



When you are on a call, an alert tone sounds to indicate that you have received a second call.

Press	To
1 	answer the new call
2 	switch back to the first call



# Phone Features

## Main Menu

This is the standard main menu layout. **Menu organization and feature names may vary on your phone.** If you do not find a feature in the main menu, select **More** (☰) to see additional menu features. Not all features may be available for all users.



### Media Center

- Picture Viewer
- My Tones
- Radio



### Voice Notes



### Ring Styles

- Style
- Style Detail



### Calculator



### Settings

(see next page)



### Datebook



### Web Browser

- Home
- Go To URL
- Mark Site
- Reload
- About Openwave
- Advanced



### More

(go to following menu items)



### Messages

- Voicemail
- Create Message
- Inbox
- Outbox
- Quick Notes
- Drafts
- Browser Alerts



### Recent Calls

- Received Calls
- Dialed Calls
- Notepad
- Call Times
- Data Times
- Data Volumes



### Shortcuts



### Phonebook



# Settings Menu

## Personalize

- Main Menu
- Home Keys
- Color Style
- Greeting
- Banner
- Banner Graphic
- Wallpaper
- Screen Saver

## Brower Setup

### Connection

- Incoming Call

### In-Call Setup

- In-Call Timer
- Answer Options

### Phone Status

- My Tel. Numbers
- Active Line
- Battery Meter
- Other Information

### Security

- Phone Lock
- Lock Application
- Restrict Calls
- New Passwords
- Data Connection

### Initial Setup

- Time and Date
- Auto Redial
- Backlight
- Status Light
- Zoom
- TTY Setup
- Scroll
- Language
- Contrast
- DTMF
- Master Reset
- Master Clear

## Location



## Network

## Car Settings

## Headset

### Shortcuts

#### Change display zoom:

Press , then  
press and hold 


#### Change ringer alert:

Open flip, press down  
volume key to decrease  
volume, then switch to  
silent alert. Press up  
volume key to reset ring  
alert and increase volume.

#### Display my phone number:

Press   (in idle)

#### Go to dialed calls list:

Press  (in idle)

#### Exit menu system:





Press 

# Feature Quick Reference

You can do more with your phone than make and receive phone calls! For example, you can store frequently called numbers in the phonebook for easy dialing, organize your meetings and other events in the datebook, browse the Web, send messages, and more.



Use this chapter to locate features on your phone that are not described in this guide. For more detailed information, see the *More Here* guide.

## Calling Features

Feature	Description
<b>Three-Way Call</b>	During a call: Dial third party's number, press  to call, press  again to connect
<b>Restrict Calls</b>	Restrict outgoing or incoming calls:  > <b>Settings</b> > <b>Security</b> > <b>Restrict Calls</b>
<b>TTY Calls</b>	Set up your phone for use with an optional TTY device:  > <b>Settings</b> > <b>Initial Setup</b> > <b>TTY Setup</b>



## Messages

Feature	Description	
<b>Send Message</b>	Send a text message: ☎ > <b>More</b> > <b>Messages</b> > <b>Create Message</b>	
<b>Receive Message</b>	Read a new text message that you have received: Press <b>READ</b> (☐)	

## Phonebook

Feature	Description
<b>Create Entry</b>	Create a new phonebook entry: ☎ > <b>More</b> > <b>Phonebook</b> ☎ > <b>New</b> > <b>Phone Number</b> or <b>Email Address</b>
<b>Dial Number</b>	Call a number stored in the phonebook: ☎ > <b>More</b> > <b>Phonebook</b> > <i>entry to call</i>
<b>Voice Dial Number</b>	Voice dial a number stored in the phonebook: Press and release the voice key, and say the entry's name (in two seconds)



## Personalizing Features

Feature	Description
<b>Ring Alert</b>	Change the ring alert for an event: ☞ > <b>Ring Styles</b> > <i>Style Detail</i> > <i>event name</i>
<b>Ring Volume</b>	Set ringer volume: ☞ > <b>Ring Styles</b> > <i>Style Detail</i> > <b>Ring Volume</b>
<b>Keypad Volume</b>	Set keypad keypress volume: ☞ > <b>Ring Styles</b> > <i>Style Detail</i> > <b>Key Volume</b>
<b>Menu View</b>	Display the main menu as graphic icons or as a text-based list: ☞ > <b>Settings</b> > <b>Personalize</b> > <b>Main Menu</b> > <b>View</b>
<b>Soft Keys &amp; Menu Icons</b>	Change soft key labels and menu feature icons in the idle display: ☞ > <b>Settings</b> > <b>Personalize</b> > <b>Home Keys</b>
<b>Shortcuts</b>	Create a shortcut to a menu item: Highlight the menu item, then press and hold ☞  Select a shortcut: ☞ > <b>More</b> > <b>Shortcuts</b> > <i>shortcut name</i>



## Menu Features

Feature	Description
<b>Language</b>	Set menu language: ☰ > <b>Settings</b> > <b>Initial Setup</b> > <b>Language</b>
<b>Master Reset</b>	Reset all options <i>except</i> unlock code, security code, lifetime timer: ☰ > <b>Settings</b> > <b>Initial Setup</b> > <b>Master Reset</b>
<b>Master Clear</b>	Reset all options <i>except</i> unlock code, security code, lifetime timer, clear all user settings and entries: ☰ > <b>Settings</b> > <b>Initial Setup</b> > <b>Master Clear</b>


## Dialing Features

Feature	Description
<b>DTMF Tones</b>	Activate DTMF tones: ☰ > <b>Settings</b> > <b>Initial Setup</b> > <b>DTMF</b>  Send DTMF tones during a call: Press number keys  Send stored numbers as DTMF tones during a call: Highlight a number in the phonebook or recent call lists, then press ☰ > <b>Send Tones</b>











## Call Monitoring



**Network connection time** is the elapsed time from the moment you connect to your service provider's network to the moment you end the call by pressing . This time includes busy signals and ringing.

The amount of network connection time you track on your resettable timer may not equal the amount of time for which you are billed by your service provider. For billing information, please contact your service provider directly.







Feature	Description	
Call Times	View call timers:  > More > Recent Calls > Call Times	
In-Call Timer	Display time or cost information during a call:  > Settings > In-Call Setup > In-Call Timer	
Data Times	View data call timers:  > More > Recent Calls > Data Times	
Data Volumes	View data volume meters:  > More > Recent Calls > Data Volumes	

## Handsfree Features

**Note:** The use of wireless devices and their accessories may be prohibited or restricted in certain





areas. Always obey the laws and regulations on the use of these products.


Feature	Description	
<b>Speaker-phone</b>	Activate a connected external speakerphone during a call: Press <b>SPEAKER</b> (☐) (if available) or ☐ > <b>Spkrphone On</b>	
<b>Auto Answer</b> (car kit or headset)	Automatically answer calls when connected to a car kit or headset: ☐ > <b>Settings</b> > <b>Car Settings</b> or <b>Headset</b> > <b>Auto Answer</b>	
<b>Auto Hands-Free</b> (car kit)	Automatically route calls to a car kit when connected: ☐ > <b>Settings</b> > <b>Car Settings</b> > <b>Auto Handsfree</b>	
<b>Power-Off Delay</b> (car kit)	Set the phone to stay on for a period of time after the ignition is switched off: ☐ > <b>Settings</b> > <b>Car Settings</b> > <b>Power-Off Delay</b>	
<b>Charger Time</b> (car kit)	Charge the phone for a period of time after the ignition is switched off: ☐ > <b>Settings</b> > <b>Car Settings</b> > <b>Charger Time</b>	



## Data and Fax Calls











Feature	Description
<b>Send Data or Fax</b>	Connect your phone to the device, then place the call through the device application 
<b>Receive Data or Fax</b>	Connect your phone to the device, then: ☞ > <b>Settings</b> > <b>Connection</b> > <b>Incoming Call</b> > <b>Next Call</b> > <b>Data In Only</b> or <b>Fax In Only</b>  Reset normal voice operation: ☞ > <b>Settings</b> > <b>Connection</b> > <b>Incoming Call</b> > <b>Next Call</b> > <b>Normal</b> 

## Network Features

Feature	Description
<b>Network Settings</b>	View network information and adjust network settings: ☞ > <b>Settings</b> > <b>Network</b> 



## Personal Organizer Features








Feature	Description
<b>Add Datebook Event</b>	Add an event to the datebook:  > <b>Datebook</b> > <i>day</i>  > <b>New</b>
<b>View Datebook Event</b>	View or edit event details:  > <b>Datebook</b> > <i>day</i> > <i>event name</i>
<b>Event Reminder</b>	View event reminder: <b>VIEW</b> (  )  Dismiss event reminder: <b>EXIT</b> (  )
<b>Record Voice Note</b>	Record a voice note: Press and hold voice key, speak voice note, release voice key  <b>Note:</b> Recording phone calls is subject to varying state and federal laws regarding privacy and recording of conversations.
<b>Play Voice Note</b>	Play back a recorded voice note:  > <b>Voice Notes</b> > <i>voice note</i>
<b>Calculator</b>	Calculate numbers:  > <b>Calculator</b>
<b>Currency Converter</b>	Convert currency:  > <b>Calculator</b>  > <b>Exchange Rate</b>  Enter exchange rate, press <b>OK</b> (  ) , enter amount, select <b>\$</b> function



## Security

Feature	Description
<b>Lock Application</b>	Lock phone applications:  > <b>Settings &gt; Security &gt; Lock Application</b>

## News and Entertainment

Feature	Description
<b>Launch Micro-Browser</b>	Start a micro-browser session:  > <b>Web Browser &gt; Home</b> 
<b>Picture Viewer</b>	Manage pictures and animations:  > <b>Media Center &gt; Picture Viewer</b> 
<b>My Tones</b>	Compose and manage your own ring tones:  > <b>Media Center &gt; My Tones</b>
<b>Radio</b>	Use the optional Motorola Original™ FM Stereo Radio Headset accessory:  > <b>Media Center &gt; Radio</b> 





## ***Specific Absorption Rate Data***

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**The model wireless phone meets the government's requirements for exposure to radio waves.**

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government and by the Canadian regulatory authorities. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age or health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC and by the Canadian regulatory authorities is 1.6 W/kg.<sup>1</sup> Tests for SAR are conducted using standard operating positions accepted by the FCC and by Industry Canada with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station, the lower the power output.

Before a phone model is available for sale to the public in the U.S. and Canada, it must be tested and certified to the FCC and Industry Canada that it does not exceed the limit established by each government for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) reported to the FCC and available for review by Industry Canada. The highest SAR value for this model phone when tested for use at the ear is 1.56 W/kg, and when worn on the body, as



described in this user guide, is 1.30 W/kg. (Body-worn measurements differ among phone models, depending upon available accessories and regulatory requirements).<sup>2</sup>

While there may be differences between the SAR levels of various phones and at various positions, they all meet the governmental requirements for safe exposure. Please note that improvements to this product model could cause differences in the SAR value for later products; in all cases, products are designed to be within the guidelines.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications & Internet Association (CTIA) Web site:

<http://phonefacts.net>

or the Canadian Wireless Telecommunications Association (CWTA) Web site:

<http://www.cwta.ca>

1. In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.
2. The SAR information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

**The U.S. Food and Drug  
Administration's Center for  
Devices and Radiological Health  
Consumer Update on Mobile Phones**

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FDA has been receiving inquiries about the safety of mobile phones, including cellular phones and PCS phones. The following summarizes what is known—and what remains unknown—about whether these products can pose a hazard to health, and what can be done to minimize any potential risk. This information may be used to respond to questions.

***Why the concern?***

Mobile phones emit low levels of radio frequency energy (i.e., radio frequency radiation) in the microwave range while being used. They also emit very low levels of radio frequency energy (RF), considered non-significant, when in the stand-by mode. It is well known that high levels of RF can produce biological damage through heating effects (this is how your microwave oven is able to cook food). However, it is not known whether, to what extent, or through what mechanism, lower levels of RF might cause adverse health effects as well. Although some research has been done to address these questions, no clear picture of the biological effects of this type of radiation has emerged to date. Thus, the available science does not allow us to conclude that mobile phones are absolutely safe, or that they are unsafe. However, the available scientific evidence does not demonstrate any adverse health effects associated with the use of mobile phones.

***What kinds of phones are in question?***

Questions have been raised about hand-held mobile phones, the kind that have a built-in antenna that is positioned close to the user's head during normal telephone conversation. These types of mobile phones are of concern because of the short distance between the phone's

antenna—the primary source of the RF—and the person's head. The exposure to RF from mobile phones in which the antenna is located at greater distances from the user (on the outside of a car, for example) is drastically lower than that from hand-held phones, because a person's RF exposure decreases rapidly with distance from the source. The safety of so-called "cordless phones," which have a base unit connected to the telephone wiring in a house and which operate at far lower power levels and frequencies, has not been questioned.

### ***How much evidence is there that hand-held mobile phones might be harmful?***

Briefly, there is not enough evidence to know for sure, either way; however, research efforts are on-going. The existing scientific evidence is conflicting and many of the studies that have been done to date have suffered from flaws in their research methods. Animal experiments investigating the effects of RF exposures characteristic of mobile phones have yielded conflicting results. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. In one study, mice genetically altered to be predisposed to developing one type of cancer developed more than twice as many such cancers when they were exposed to RF energy compared to controls. There is much uncertainty among scientists about whether results obtained from animal studies apply to the use of mobile phones. First, it is uncertain how to apply the results obtained in rats and mice to humans. Second, many of the studies that showed increased tumor development used animals that had already been treated with cancer-causing chemicals, and other studies exposed the animals to the RF virtually continuously—up to 22 hours per day.

For the past five years in the United States, the mobile phone industry has supported research into the safety of mobile phones. This research has resulted in two findings in particular that merit additional study:

- 1 In a hospital-based, case-control study, researchers looked for an association between mobile phone use and either glioma (a type of brain cancer) or acoustic neuroma (a benign tumor of the nerve

sheath). No statistically significant association was found between mobile phone use and acoustic neuroma. There was also no association between mobile phone use and gliomas when all types of types of gliomas were considered together. It should be noted that the average length of mobile phone exposure in this study was less than three years.

When 20 types of glioma were considered separately, however, an association was found between mobile phone use and one rare type of glioma, neuroepitheliomatous tumors. It is possible with multiple comparisons of the same sample that this association occurred by chance. Moreover, the risk did not increase with how often the mobile phone was used, or the length of the calls. In fact, the risk actually decreased with cumulative hours of mobile phone use. Most cancer causing agents increase risk with increased exposure. An ongoing study of brain cancers by the National Cancer Institute is expected to bear on the accuracy and repeatability of these results.<sup>1</sup>

- 2 Researchers conducted a large battery of laboratory tests to assess the effects of exposure to mobile phone RF on genetic material. These included tests for several kinds of abnormalities, including mutations, chromosomal aberrations, DNA strand breaks, and structural changes in the genetic material of blood cells called lymphocytes. None of the tests showed any effect of the RF except for the micronucleus assay, which detects structural effects on the genetic material. The cells in this assay showed changes after exposure to simulated cell phone radiation, but only after 24 hours of exposure. It is possible that exposing the test cells to radiation for this long resulted in heating. Since this assay is known to be sensitive to heating, heat alone could have caused the abnormalities to occur. The data already in the literature on the response of the micronucleus assay to RF are conflicting. Thus, follow-up research is necessary.<sup>2</sup>

FDA is currently working with government, industry, and academic groups to ensure the proper follow-up to these industry-funded research findings. Collaboration with the Cellular Telecommunications Industry Association (CTIA) in particular is expected to lead to FDA providing research



recommendations and scientific oversight of new CTIA-funded research based on such recommendations.

Two other studies of interest have been reported recently in the literature:

- 1 Two groups of 18 people were exposed to simulated mobile phone signals under laboratory conditions while they performed cognitive function tests. There were no changes in the subjects' ability to recall words, numbers, or pictures, or in their spatial memory, but they were able to make choices more quickly in one visual test when they were exposed to simulated mobile phone signals. This was the only change noted among more than 20 variables compared.<sup>3</sup>
- 2 In a study of 209 brain tumor cases and 425 matched controls, there was no increased risk of brain tumors associated with mobile phone use. When tumors did exist in certain locations, however, they were more likely to be on the side of the head where the mobile phone was used.

Because this occurred in only a small number of cases, the increased likelihood was too small to be statistically significant.<sup>4</sup>

In summary, we do not have enough information at this point to assure the public that there are, or are not, any low incident health problems associated with use of mobile phones. FDA continues to work with all parties, including other federal agencies and industry, to assure that research is undertaken to provide the necessary answers to the outstanding questions about the safety of mobile phones.

### ***What is known about cases of human cancer that have been reported in users of hand-held mobile phones?***

Some people who have used mobile phones have been diagnosed with brain cancer. But it is important to understand that this type of cancer also occurs among people who have not used mobile phones. In fact, brain cancer occurs in the U.S. population at a rate of about 6 new cases per 100,000 people each year. At that rate, assuming 80 million users of

mobile phones (a number increasing at a rate of about 1 million per month), about 4800 cases of brain cancer would be expected each year among those 80 million people, whether or not they used their phones. Thus it is not possible to tell whether any individual's cancer arose because of the phone, or whether it would have happened anyway. A key question is whether the risk of getting a particular form of cancer is greater among people who use mobile phones than among the rest of the population. One way to answer that question is to compare the usage of mobile phones among people with brain cancer with the use of mobile phones among appropriately matched people without brain cancer. This is called a case-control study. The current case-control study of brain cancers by the National Cancer Institute, as well as the follow-up research to be sponsored by industry, will begin to generate this type of information.

### ***What is FDA's role concerning the safety of mobile phones?***

Under the law, FDA does not review the safety of radiation-emitting consumer products such as mobile phones before marketing, as it does with new drugs or medical devices. However, the agency has authority to take action if mobile phones are shown to emit radiation at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of mobile phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions at this time, FDA has urged the mobile phone industry to take a number of steps to assure public safety. The agency has recommended that the industry:

- support needed research into possible biological effects of RF of the type emitted by mobile phones
- design mobile phones in a way that minimizes any RF exposure to the user that is not necessary for device function



- cooperate in providing mobile phone users with the best possible information on what is known about possible effects of mobile phone use on human health

At the same time, FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of mobile phone safety to ensure a coordinated effort at the federal level. These agencies are:

- National Institute for Occupational Safety and Health
- Environmental Protection Agency
- Federal Communications Commission
- Occupational Health and Safety Administration
- National Telecommunications and Information Administration

The National Institutes of Health also participates in this group.

***In the absence of conclusive information about any possible risk, what can concerned individuals do?***

If there is a risk from these products—and at this point we do not know that there is—it is probably very small. But if people are concerned about avoiding even potential risks, there are simple steps they can take to do so. For example, time is a key factor in how much exposure a person receives. Those persons who spend long periods of time on their hand-held mobile phones could consider holding lengthy conversations on conventional phones and reserving the hand-held models for shorter conversations or for situations when other types of phones are not available.

People who must conduct extended conversations in their cars every day could switch to a type of mobile phone that places more distance between their bodies and the source of the RF, since the exposure level drops off dramatically with distance. For example, they could switch to:

- a mobile phone in which the antenna is located outside the vehicle

- a hand-held phone with a built-in antenna connected to a different antenna mounted on the outside of the car or built into a separate package
- a headset with a remote antenna to a mobile phone carried at the waist

Again, the scientific data do not demonstrate that mobile phones are harmful. But if people are concerned about the radio frequency energy from these products, taking the simple precautions outlined above can reduce any possible risk.

### ***Where can I find additional information?***

For additional information, see the following Web sites:

**Federal Communications Commission (FCC)** RF Safety Program (select "Information on Human Exposure to RF Fields from Cellular and PCS Radio Transmitters"): <http://www.fcc.gov/oet/rfsafety>

**World Health Organization (WHO)** International Commission on Non-Ionizing Radiation Protection (select Qs & As): <http://www.who.int/emf>

**United Kingdom, National Radiological Protection Board:** <http://www.nrpb.org.uk>

**Cellular Telecommunications Industry Association (CTIA):** <http://www.wow-com.com>

**U.S. Food and Drug Administration (FDA)** Center for Devices and Radiological Health: <http://www.fda.gov/cdrh/consumer/>

1. Muscat et al. Epidemiological Study of Cellular Telephone Use and Malignant Brain Tumors. In: State of the Science Symposium; 1999 June 20; Long Beach, California.
2. Tice et al. Tests of mobile phone signals for activity in genotoxicity and other laboratory assays. In: Annual Meeting of the Environmental Mutagen Society; March 29, 1999, Washington, D.C.; and personal communication, unpublished results.
3. Preece, AW, Iwi, G, Davies-Smith, A, Wesnes, K, Butler, S, Lim, E, and Varey, A. Effect of a 915-MHz simulated mobile phone signal on cognitive function in man. *Int. J. Radiat. Biol.*, April 8, 1999.
4. Hardell, L, Nasman, A, Pahlson, A, Hallquist, A and Mild, KH. Use of cellular telephones and the risk for brain tumors: a case-control study. *Int. J. Oncol.*, 15: 113-116, 1999.

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<b>Software.</b> Applies only to physical defects in the media that embodies the copy of the software (e.g. CD-ROM, or floppy disk).	<b>Ninety (90) days</b> from the date of purchase.

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This warranty extends only to the first consumer purchaser, and is not transferable.

## ***What Will Motorola Do?***

Motorola, at its option, will at no charge repair, replace or refund the purchase price of any Products, Accessories or Software that does not conform to this warranty. We may use functionally equivalent reconditioned/refurbished/pre-owned or new Products, Accessories or parts. No data, software or applications added to your Product, Accessory or Software, including but not limited to personal contacts, games and ringer tones, will be reinstalled. To avoid losing such data, software and applications please create a back up prior to requesting service.

## ***How to Obtain Warranty Service or Other Information***

<b>USA</b>	<b>Phones</b> 1-800-331-6456 <b>Pagers</b> 1-800-548-9954 <b>Two-Way Radios and Messaging Devices</b> 1-800-353-2729
<b>Canada</b>	<b>All Products</b> 1-800-461-4575
<b>TTY</b>	1-888-390-6456
For <b>Accessories</b> and <b>Software</b> , please call the telephone number designated above for the product with which they are used.	

You will receive instructions on how to ship the Products, Accessories or Software, at your expense, to a Motorola Authorized Repair Center. To obtain service, you must include: (a) a copy of your receipt, bill of sale or other comparable proof of purchase; (b) a written description of the problem; (c) the name of your service provider, if applicable; (d) the name and location of the installation facility (if applicable) and, most importantly; (e) your address and telephone number.

## ***What Other Limitations Are There?***

ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF



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# ***Product Registration***

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Online Product Registration:

<http://www.motorola.com/warranty>

Product registration is an important step toward enjoying your new Motorola phone. Registering helps us facilitate warranty service, and permits us to contact you should your phone require an update or other service. Registration is for U.S. residents only and is not required for warranty coverage.

Please retain your original dated sales receipt for your records. For warranty service of your Motorola Personal Communications Product you will need to provide a copy of your dated sales receipt to confirm warranty status.

Thank you for choosing a Motorola product.

## ***Export Law Assurances***

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This product is controlled under the export regulations of the United States of America and Canada. The Governments of the United States of America and Canada may restrict the exportation or re-exportation of this product to certain destinations. For further information contact the U.S. Department of Commerce or the Canadian Department of Foreign Affairs and International Trade.

## ***RF Energy Interference***

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This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

# Index

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## A

- accessories 12, 13, 17, 61
- accessory connector port 1
- active line indicator 22, 23
- alert
  - creating 69
  - defined 43
  - setting 63
  - turning off 19, 20, 51
- ALL indicators 22, 24, 48
- analog signal indicator 22
- animation
  - screen saver 46
  - viewing 69
  - wallpaper 44
- answering a call 20, 44
- antenna 19
- application, locking and
  - unlocking 69
- automatic location
  - information
  - indicators 24
  - sending 48
- automatic redial 49

## B

- backlight 47
- battery

- car kit charger time 66
- charging 14
- extending battery life 15,  
39, 46, 47
- installing 13
- level indicator 15, 22, 24
- block cursor 30, 33
- browse text mode 31

## C

- calculator 68
- call
  - adding digits after phone  
number 53
  - alert, setting 63
  - alert, turning off 19, 20,  
51
  - answer options 44
  - answering 20
  - call waiting 58
  - canceling 51
  - deleting 52
  - dialed calls list 52
  - dialing 19
  - emergency number 51
  - ending 19, 20
  - making 19
  - muting 58

- call (continued)
  - received calls list 52
  - receiving 20
  - recent calls 52
  - restricting 61
  - speakerphone 66
  - storing 52
  - three-way call 61
  - timers 65
  - unanswered call 54
- Call Failed** message 49
- call waiting 58
- caller ID 50, 54
- calling line identification.
  - See caller ID
- car kit
  - automatic answer 66
  - automatic hands-free 66
  - charger time 66
  - power-off delay 66
- character chart 34
- clock
  - illustration 21
  - setting 43
- codes
  - changing 41
  - default 18, 41
  - forgetting 42
- color, setting 47
- contrast, setting 47
- convertible covers 17
- cursor 30, 33

customizing the menu 63

## D

- data call
  - receiving 67
  - sending 67
  - timers 65
  - volume meters 65
- date, setting 43
- datebook 68
  - menu feature icon 21, 22
- deleting a call 52
- dialed calls list 52
- dialing a number 19
- digital signal indicator 22
- display
  - backlight 47
  - color 47
  - contrast 47
  - description 21
  - idle display, defined 21
  - language 64
  - menu icons, personalizing 63
  - zooming in/out 47
- DTMF tones
  - activating 64
  - sending 53, 64

## E

- earpiece volume 19
- emergency number 51

end key 1, 19, 20, 26  
ending a call 19, 20  
**Enter Unlock Code** message  
    41, 42  
event alert 63  
external display 40

## F

fax call  
    receiving 67  
    sending 67  
flashing cursor 30, 33  
flip  
    external display 40  
    open to answer 20, 44  
    replacing flip cover 17  
    screen saver 46  
FM Stereo Radio Headset  
    69  
4-way navigation key 1, 25,  
    26

## H

hands-free use  
    automatic answer 66  
    automatic call routing 66  
    charger time 66  
    power-off delay 66  
    speakerphone, activating  
        66  
headset  
    automatic answer 66

FM Stereo Radio Headset  
    69

headset jack 1  
home keys, personalizing  
    63

## I

idle display 21  
in use indicator 22, 23  
**Incoming Call** message 50  
incoming call, canceling 51  
indicators  
    active line 22, 23  
    ALI 22, 24, 48  
    battery level 15, 22, 24  
    digital/analog signal 22  
    in use 22, 23  
    loud ring style 24, 43  
    menu 21  
    message waiting 22, 24  
    missed call 54  
    ring style 22  
    roam 22, 23  
    signal strength 22  
    silent ring style 24, 43  
    soft ring style 24, 43  
    text entry mode 24  
    vibrate and ring style 24,  
        43  
    vibrate style 24, 43  
    voice message waiting  
        57

iTAP software 34

## J

joystick 1, 26

## K

key

- end 1, 19, 20, 26

- 4-way navigation 1, 25, 26

- left soft key 1, 22, 26, 63

- menu 1, 26, 27

- power 1, 18

- right soft key 1, 22, 26, 63

- send 1, 19, 20, 52

- voice 1

- volume control 1, 19

keypad

- answering calls 44

- backlight 47

- volume, setting 63

## L

language, setting 64

left soft key

- functions 1, 22, 26

- personalizing 63

location, sending to network 48

lock

application 69

phone 40

**Low Battery** message 24

## M

making a call 19

master clear 64

master reset 64

menu

- entering text 29, 31

- icons, changing in idle display 63

- icons, converting to text 63

- icons, described 21

- language, setting 64

- lists 28

- navigating 26

- using features 28

- view, changing 63

menu indicator 21

menu key 1, 26, 27

message

- menu feature icon 21

- receiving 62

- sending 62

message waiting indicator 22, 24

messages menu feature icon 21

micro-browser, using 69

microphone 1

missed call indicator 54  
**Missed Calls** message 54  
muting a call 58  
my telephone number 20,  
    43, 60  
my tones 69

## N

network settings 67  
notepad 54  
number  
    storing your number 43  
    viewing your number 20,  
        60  
numeric text mode 31

## O

one-touch dial  
    using 56  
    voicemail number 56  
optional accessory, defined  
    13  
optional feature, defined 13

## P

passwords. *See* codes  
phone  
    active line indicator 23  
    active line, changing 49  
    alert, setting 63

    alert, turning off 19, 20,  
        51  
    answer options 44  
    automatic location  
        information 48  
    clear stored information  
        64  
    codes 41  
    date, setting 43  
    flip 17, 20  
    keypad, answering calls  
        44  
    language, setting 64  
    location 48  
    locking 40  
    network settings 67  
    reset all options 64  
    security code 41  
    time, setting 43  
    turning on/off 18  
    unlock code 41  
    unlocking 18, 40, 41, 42  
phone number  
    active line indicator 23  
    active line, changing 49  
    adding digits after 53  
    attaching two numbers  
        53, 55  
    redialing 49  
    storing in phonebook 62  
    storing your number 43



phone number (continued)  
viewing your number 20,  
60

phonebook

attaching two numbers  
53, 55

dialing a number 62

one-touch dial 56

speed dial number 56

storing an entry 62

voice dialing 62

picture

screen saver 46

viewing 69

wallpaper 44

power key 1, 18

predictive text entry 34

## R

radio 69

received calls list 52

recent calls 52

redial

automatic redial 49

busy number 49

reference guide 12

restricting calls 61

right soft key

functions 1, 22, 26

personalizing 63

ring alert

setting 19, 20, 63

turning off 19, 20, 51

ring style

personalizing 63

setting 43

ring style indicators 22, 24,  
43

ring tone

creating 69

ringer volume, setting 19,  
63

roam indicator 22, 23

## S

screen saver 46

security code

changing 41

default 41

forgetting 42

send key 1, 19, 20, 52

shortcuts 60, 63

shortcuts icon 21

signal strength indicator 22

silent ring alert, setting 19,  
20, 43

soft keys

functions 22, 26

illustration 1

labels 21

personalizing 63

speakerphone, activating  
66

- speed dial
  - number, defined 56
  - using 56
- standby time, increasing
  - 39, 46, 47
- status light 1, 39
- storing a call 52
- symbol chart 38
- symbol text entry 38

## T

- tap method text entry 31
- telephone number
  - storing your number 43
  - viewing your number 20, 60
- text
  - block cursor 30, 33
  - browse mode 31
  - character chart 34
  - entering 31
  - entry mode, changing 31
  - flashing cursor 30, 33
  - iTAP software predictive text entry 34
  - numeric mode 31
  - symbol chart 38
  - symbol mode 38
  - tap method 31
- text entry mode indicator 24
- text mode, changing 31
- three-way call 61

- time, setting 43
- timers 65
- travel charger 15
- TTY device 61

## U

- unlock
  - application 69
  - phone 40
- unlock code
  - bypassing 42
  - changing 41
  - default 18, 41
  - entering 18, 40, 41
  - forgetting 42

## V

- vibrate alert
  - setting 63
  - turning off 19, 20, 51
- vibrate ring alert, setting 43
- voice dial 62
- voice key
  - dialing a number 62
  - illustration 1
- voice message waiting
  - indicator 57
- voice notes 68
- voicemail
  - dialing with one-touch dial 56
  - using 57

volume

earpiece 19

keypad 63

ringer 19, 63

volume keys 1, 19

## **W**

wallpaper 44

warranty 80

Web browser icon 21

Web pages 69

## **Z**

zooming in/out 47





**MOTOROLA**

# ***Wireless Phone Safety Tips***

*"Safety is your most important call!"*

**Your Motorola wireless telephone gives you the powerful ability to communicate by voice—almost anywhere, anytime, wherever wireless phone service is available and safe conditions allow. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold.**

**When driving a car, driving is your first responsibility. If you find it necessary to use your wireless phone while behind the wheel of a car, practice good common sense and remember the following tips:**

- 1 Get to know your Motorola wireless phone and its features such as speed dial and redial. If available, these features help you to place your call without taking your attention off the road.**

- 2 **When available, use a hands-free device.** If possible, add an additional layer of convenience to your wireless phone with one of the many Motorola Original™ hands-free accessories available today.
- 3 **Position your wireless phone within easy reach.** Be able to access your wireless phone without removing your eyes from the road. If you receive an incoming call at an inconvenient time, if possible, let your voice mail answer it for you.
- 4 **Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions.** Rain, sleet, snow, ice, and even heavy traffic can be hazardous.
- 5 **If you receive an incoming call at an inconvenient time do not take notes or look up phone numbers while driving.** Jotting down a “to do” list or going through your address book takes attention away from your primary responsibility—driving safely.
- 6 **Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic.** Try to plan calls when your car will be stationary. If you need to make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
- 7 **Do not engage in stressful or emotional conversations that may be distracting.** Make people you are talking with aware you are driving and suspend conversations which have the potential to divert your attention away from the road.





- 8 **Use your wireless phone to call for help.** Dial 9-1-1 or other local emergency number in the case of fire, traffic accident or medical emergencies.\*
- 9 **Use your wireless phone to help others in emergencies.** If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 9-1-1 or other local emergency number, as you would want others to do for you.\*
- 10 **Call roadside assistance or a special non-emergency wireless assistance number when necessary.** If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number.\*

\* Wherever wireless phone service is available.

**Check the laws and regulations on the use of wireless telephones and their accessories in the areas where you drive. Always obey them. The use of these devices may be prohibited or restricted in certain areas.**

For more information,  
please call  
1-888-901-SAFE  
or visit the  
CTIA Web site at  
[www.wow-com.com](http://www.wow-com.com)<sup>TM</sup>



# **Notes**

# Notes



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